

positioned receptacle; a closure means for each of the openings in said cover means; means, responsive to the wind velocity, for operating said closure means for said first opening in said cover means, when the wind velocity is at or below a predetermined rate, and for operating said closure means for said second opening in said cover means, when the wind velocity is above said predetermined rate; and means, responsive to the wind direction, for positioning said cover means with respect to said circumferentially-positioned receptacles.

5. The structure set forth in claim 4 wherein the means which is responsive to the wind velocity includes an electric motor and a flapper actuated electrical switch.

6. The structure set forth in claim 4 wherein the means which is responsive to the wind direction includes a fin upstanding from said cover means.

7. A sampler adapted to collect gaseous constituents of the atmosphere; said sampler comprising a plurality of receptacles, each of said receptacles being provided with an opening therein adapted to permit entrance of gaseous constituents of the atmosphere; means for producing a partial vacuum in said receptacles whereby to cause gaseous constituents of the atmosphere to enter therein; valve means associated with each of said recep-

5 tacles for rendering ineffective the action of said partial vacuum on the receptacle associated with said valve means; means, responsive to the wind velocity, for closing all but one of said valve means when the wind velocity is at or below a predetermined rate, and for closing said one valve means, but not the balance of said valve means, when the wind velocity is above said predetermined rate; and means, responsive to the wind direction, for closing all but one of said balance of said valve means, said one valve means chosen not to be closed being dependent upon the wind direction.

10 8. The structure set forth in claim 7 wherein each of said receptacles contains a liquid trap.

15 9. The structure set forth in claim 7 wherein each of said receptacles is provided with a discharge, each of said valve means being located in said discharge; and each of said discharges being connected to said partial vacuum producing means.

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#### References Cited in the file of this patent

##### FOREIGN PATENTS

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